

REPLACE DISTURBED
AREA W/ FULL-DEPTH
STONE & ASPHALT

EX. ROADWAY

30° VALLEY
C & G

CONC DRIVEWAY
APPROACH W/
EXPANSION JOINT

UNDISTURBED
SUBGRADE

NEW FRONT
WALL

1'

12" CONC SLAB
(MIN 3000 PSI
W/ #5 REBAR
@ 11" O/C)

3' MIN

6"

SEE NOTE #2

#5 DOWELS
8" CENTERS

4"

2'-6" MIN.

8"

8" MINIMUM
OVER 12' DEEP
12" MINIMUM UP TO
6' FROM TOP OF CURB

15" TYP.

IF STRUCTURE IS
GREATER THAN 12'
DEEP, FOOTING IS
TO EXTEND 6"
BEYOND THE
STRUCTURE

1/2 DIA

6"

3000 PSI CONCRETE

1. IF STRUCTURE IS LESS THAN 5' IN DEPTH,
BOX MUST BE REBUILT BEGINNING AT ORIGINAL
FOOTING ELEVATION.
2. IF STRUCTURE IS GREATER THAN 5' IN DEPTH, THE
ELEVATED FOOTING DESIGN AS INDICATED ABOVE
MAY BE USED.
3. DOMESTIC CASTING REQUIRED WITHIN STREET
RIGHT-OF-WAY.

CITY OF RALEIGH
PUBLIC WORKS DEPARTMENT

REVISIONS	DATE: 6/26/06	DRAWN BY: WDP
	CATCH BASIN CONVERSION DETAIL	
	STD. * 50.02	